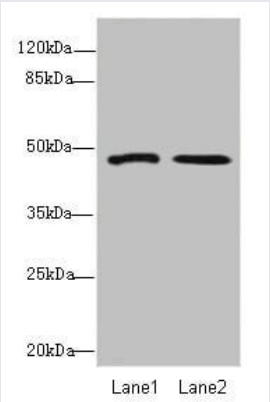
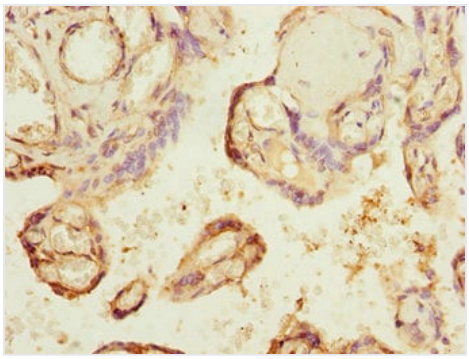
GCM1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GCM1, Polyclonal Antibody
Full Product Name	GCM1 Antibody
Product Gene Name	anti-GCM1 antibody
Product Synonym Names	Chorion-specific transcription factor GCMa; hGCMa; GCM motif protein 1; Glial cells missing homolog 1; GCM1; GCMA
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	Antigen Affinity Purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
OMIM	603715
3D Structure	ModBase 3D Structure for Q9NP62
Species	Human
Immunogen	Recombinant human Chorion-specific transcription factor GCMa protein (C-230AA)
Immunogen Species	Homo sapiens (Human)
Research Area	Epigenetics and Nuclear Signaling
Target Names	GCM1
Conjugate	Non-conjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-69407 / sc-69411 / sc-98719
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-GCM1 antibody	ELISA (EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-GCM1 antibody	WB: 1:1000-1:5000 IHC: 1:20-1:200
Related Product Information for anti-GCM1 antibody	Transcription factor that is necessary for placental development. Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer.
Other Notes	Small volumes of anti-GCM1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GCM1 purchase	MBS7044427 is an antibody targeting GCM1. Also known as GCM1 Antibody. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-GCM1 antibody
Western blotAll lanes: GCM1antibody at 1.67ug/mlLane 1: Hela whole cell lysateLane 2: HepG-2 whole cell lysateSecondaryGoat polyclonal to Rabbit IgG at 1/10000 dilutionPredicted band size: 49 kDaObserved band size: 49 kDa



Immunohistochemistry (IHC) of anti-GCM1 antibody
Immunohistochemistry of paraffin-embedded human placenta tissue using MBS7044427 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GCM1. It may not necessarily be applicable to this product.

NCBI GI #	45269133
NCBI GeneID	8521
NCBI Accession #	NP_003634.2
UniProt Primary Accession #	Q9NP62
UniProt Secondary Accession #	Q4VAQ7; Q5T0X0; Q99468; Q9P1X3
UniProt Related Accession #	Q9NP62
GenBank Nucleotide #	NM_003643.3
NCBI Official Full Name	chorion-specific transcription factor GCMa
NCBI Official Synonym Full Names	glial cells missing homolog 1
NCBI Official Symbol	GCM1
NCBI Official Synonym Symbols	GCMA; hGCMa
UniProt Protein Name	Chorion-specific transcription factor GCMa
UniProt Synonym Protein Names	GCM motif protein 1; Glial cells missing homolog 1
Protein Family	Chorion-specific transcription factor
UniProt Gene Name	GCM1
UniProt Synonym Gene Names	GCMA; hGCMa
UniProt Entry Name	GCM1_HUMAN
NCBI Protein Information	chorion-specific transcription factor GCMa
NCBI Summary for GCM1	This gene encodes a DNA-binding protein with a gcm-motif (glial cell missing motif). The encoded protein is a homolog of the Drosophila glial cells missing gene (gcm). This protein binds to the GCM-motif (A/G)CCCGCAT, a novel sequence among known targets of DNA-binding proteins. The N-terminal DNA-binding domain confers the unique DNA-binding activity of this protein. [provided by RefSeq, Jul 2008]

UniProt Comments for GCM1	GCM1: Transcription factor that is necessary for placental development. Binds to the trophoblast-specific element 2 (TSE2) of the aromatase gene enhancer. Protein type: DNA-binding; Transcription factor Chromosomal Location of Human Ortholog: 6p12.1 Cellular Component: nucleus; transcription factor complex Molecular Function: DNA binding; histone deacetylase binding; protein binding; transcription factor activity; transcription factor binding Biological Process: anatomical structure morphogenesis; positive regulation of transcription from RNA polymerase II promoter; regulation of transcription, DNA-dependent; transcription from RNA polymerase II promoter
Research Articles on GCM1	**1.** GLI2 stabilized glial cell missing-a, a pivotal transcriptional factor for trophoblastic syncytialization.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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